

FIG. 1

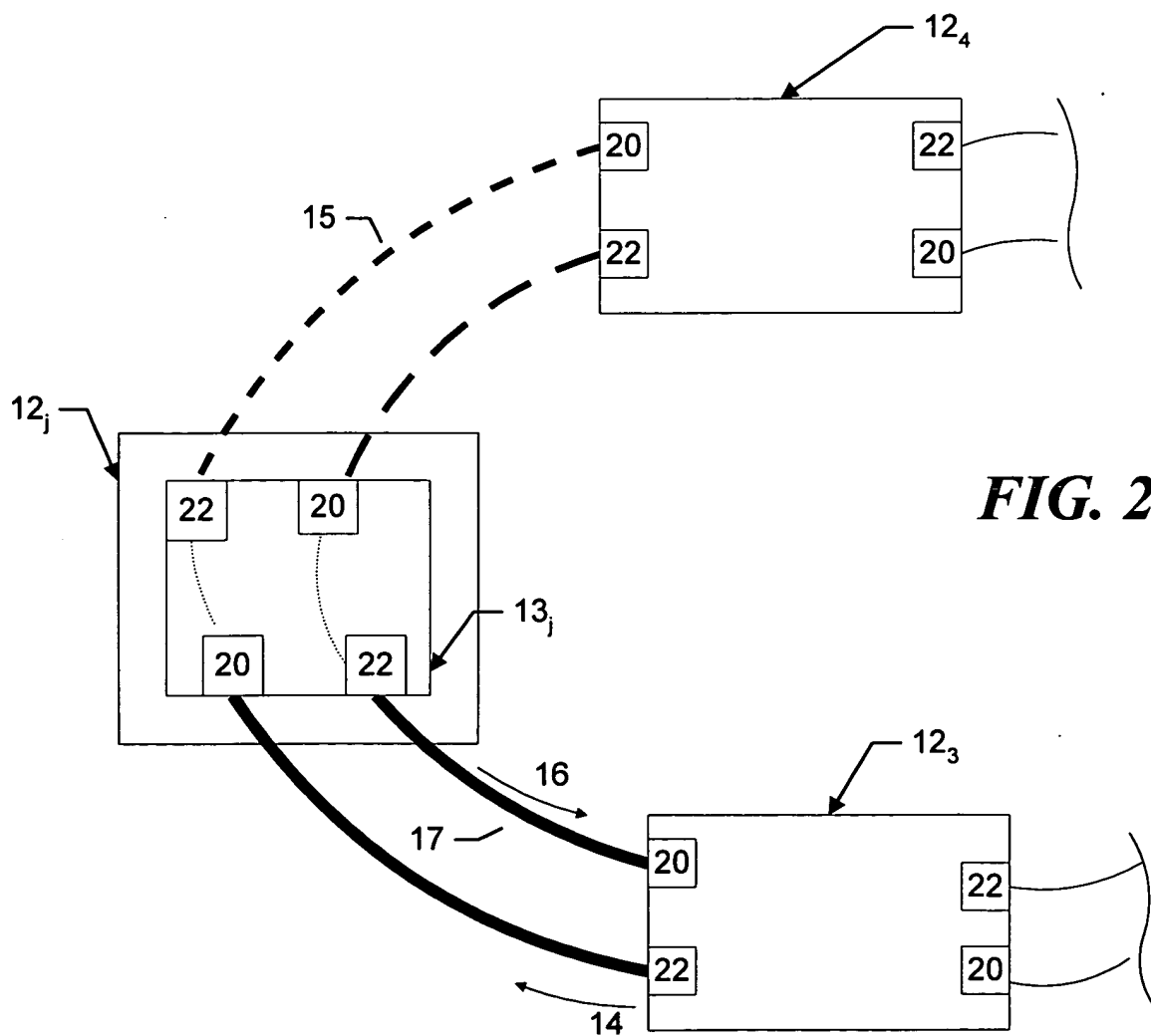
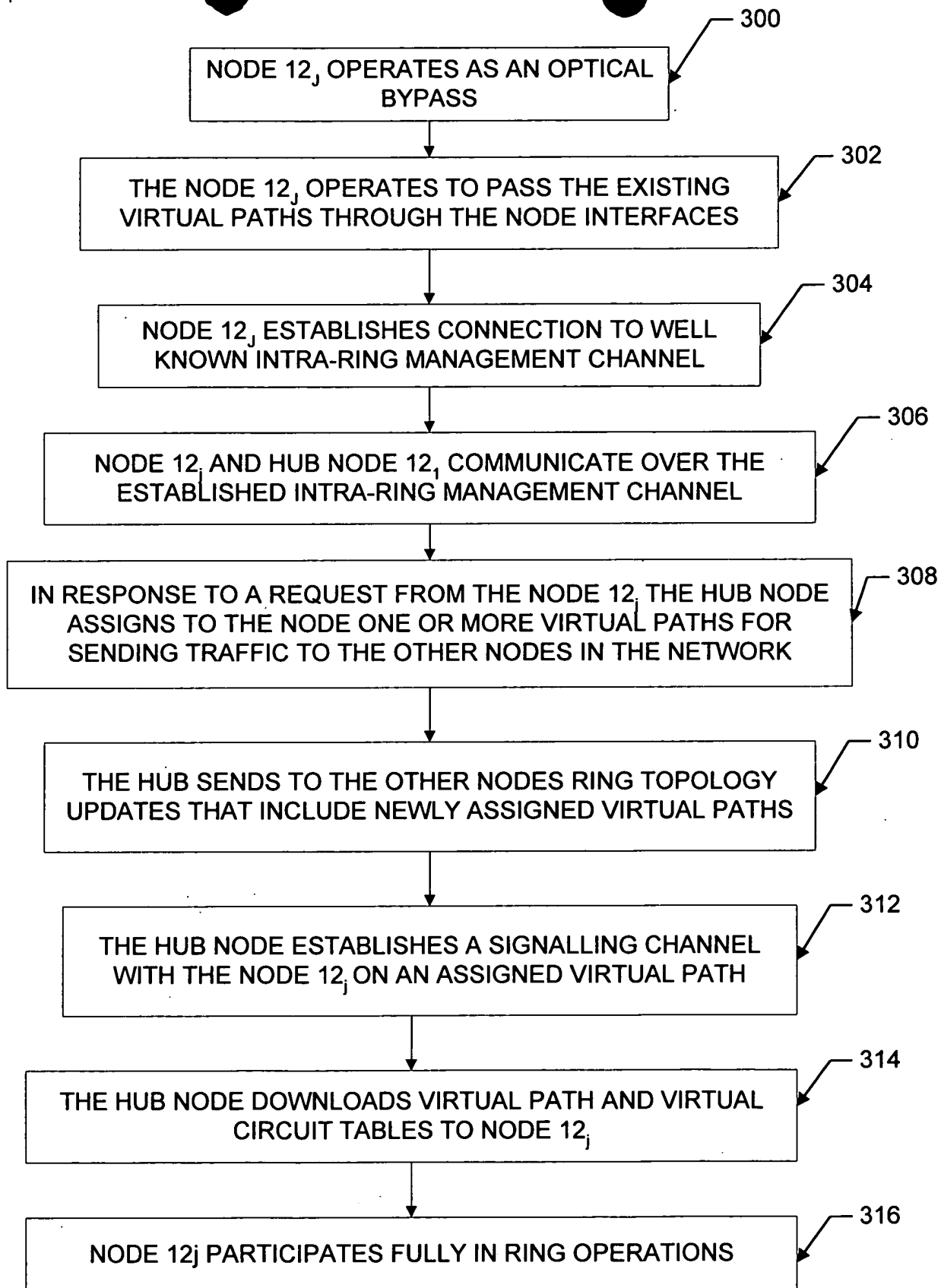


FIG. 2



THE HUB NODE DETERMINES A NODE
HAS FAILED BY A LACK OF
COMMUNICATION FROM THE NODE

400

PROTECTION SWITCHING IS
INITIATED AS NEEDED

402

THE REMAINING NODES ARE
INSTRUCTED TO TEAR DOWN THE
VIRTUAL PATHS AND VIRTUAL CIRCUITS
ASSOCIATED WITH THE FAILED NODE

404

THE REMAINING NODES ARE INSTRUCTED TO
UPDATE THEIR RING TOPOLOGY INFORMATION
AND ROUTING TABLES TO REMOVE THE FAILED
NODE

406

FIG. 4